

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 January 2001 (11.01.2001)

PCT

(10) International Publication Number
WO 01/03229 A1

(51) International Patent Classification⁷: H01M 10/40

(21) International Application Number: PCT/KR99/00811

(22) International Filing Date:
24 December 1999 (24.12.1999)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
1999/26358 1 July 1999 (01.07.1999) KR

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(81) Designated States (national): CN, JP, US.

(84) Designated States (regional): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NON-AQUEOUS ELECTROLYTE COMPOSITION FOR BATTERIES

(57) Abstract: Disclosed is a non-aqueous electrolyte composition for batteries, which is composed of a mixture of a fluorobenzene component and a carbonic acid ester component in which the volume ratio of the fluorobenzene component to the carbonic acid ester component ranges from 50:50 to 5:95. The non-aqueous electrolyte composition has a significant advantage over electrolyte compositions employing carbonic acid ester solvents only, in terms of low temperature performance, cell life, and high-temperature dischargeability.

WO 01/03229 A1